



SEED: Coalitions for Community Growth

**STEM, Energy, and Economic
Development**

**Pilot City Quarterly Convening
10.06.2015**



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Agenda: SEED Virtual Pilot Convening October 2015

- I. Updates from Clinton Global Initiative America
- II. It's Energy Action Month!
- III. Selecting Boys and Girls Clubs of America Scholarship Recipients
- IV. SEED Website:
http://portal.hud.gov/hudportal/HUD?src=/program_offices/public_indian_housing/seed
- V. SEED Metrics:
<https://app.box.com/s/oxqbwyzvsjgqp58kh3lco6ud2fkjysi>
- VI. Hear updates from Coalition Cities
- VII. Next Steps for SEED
 - I. Questions and Contact Us

What is SEED?: STEM, Energy and Economic Development

- **Place-based** initiative building local **coalitions** to:
 - Increase energy-literacy
 - Facilitate STEM opportunities
 - Promote job-driven skills
- SEED Coalition's are committed to preparing residents of public housing localities for current and future in-demand **STEM & Energy jobs**
- **6 Pilot Cities**
 - Denver, CO
 - Washington, D.C.
 - Tampa, FL
 - Cleveland, OH
 - San Antonio, TX
 - Austin, TX

SEED Federal Partners



SEED National Partners



CARNEGIE SCIENCE CENTER
One of the four Carnegie Museums of Pittsburgh



US2020
Igniting Moments of Discovery



BOYS & GIRLS CLUBS
OF AMERICA



CGI America Updates

Commitment to expand to 20 locations by 2018 and serve:

- **8,000** youth and young adults provided STEM opportunities
- **1,000** residents provided STEM, workforce or certificate training
- **1,000** residents obtain employment
- **600** residents to receive Energy Literacy training
- <https://www.clintonfoundation.org/clinton-global-initiative/commitments/seed-coalitions-community-growth>



Energy Action Month

Receive your Get Started Kit in October 2015 from Dept. of Energy!

- 5 The [Energy Literacy Frameworks](#)
- 100 [Energy Action List](#): 10 Ways to Save
- 100 Bioenergy [Coloring and Activity Books](#)
- 100 [Get Current: Coloring Books](#)
- 100 Energy Savers Bookmarks

Watch This: Videos



The TED-Ed video, "A Guide to the Energy of the Earth," is a simple yet engaging way to see the 7 principles in action. The video is applicable to all ages and can be tailored to your lessons on Earth's energy systems.



Check out this video series highlighting the 7 essential principles of energy. Also available in Spanish.



Energy 101

by U.S. Department of Energy • 20 videos • 58,785 views • Last updated on Oct 23, 2014

Learn the fundamental concepts behind renewable energy sources and energy efficiency through these short videos.

▶ Play all

◀ Share

+ Save

1



Energy 101: Geothermal Energy

2



Energy 101: Wind Turbines - 2014 Update

Boys and Girls Clubs of America Scholarship



**BOYS & GIRLS CLUBS
OF AMERICA**

- It's time to select 2 PHA residents to receive a \$500 scholarship
 - Determine selection of 2 youth and provide to SEED team (names) by October 28th, 2015 to SEEDinitiative@hud.gov
- Share this commitment in November 2015
 - Host an event?
 - Press Release
 - Blog
 - Social Media

Metrics Discussion

- Are there metrics that require case management?
 - If so, do you have the ability to collect it?
- Can these measurements be unduplicated?
 - (one off events, classes, etc)
- How would you rate your overall ability to gather this data?

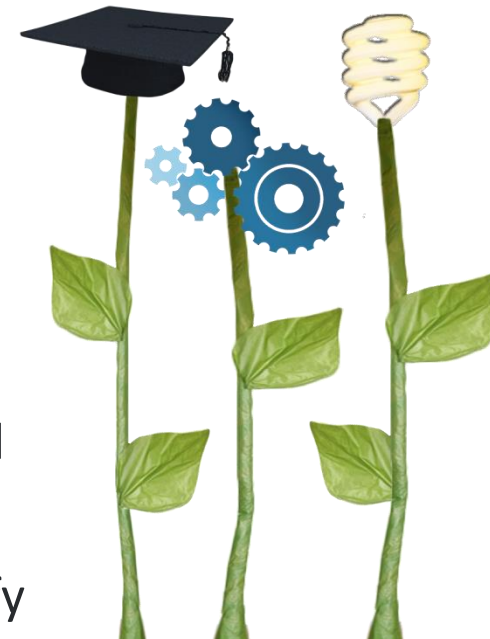


- Pillar I: Energy Literacy
- Creation of Sun Valley EcoDistrict
- River Education Day – Summer 2015
 - Greenway Foundation
 - Urban Drainage

SEEDS for a Sustainable Tampa

- Tampa Housing Authority partnership with University of South Florida and Lowry Park Zoo regarding water treatment and energy conservation: Rain Garden Construction and Research
- Museum of Science and Industry partnership with Tampa Housing Authority
- E4 model: Exposure, Exploration, Education, and Employment
- ConnectHome partnerships to mitigate digital divide – Call to Action

- Pillar I: Energy Literacy
 - Partnering with Cleveland Public Theater to integrate energy literacy into their performance workshops
 - Entering two CMHA youth teams to the CPP Solar Sprint on 10/10
 - Preparing youth energy literacy curriculum for delivery at after-school programs
 - Gearing up for resident engagement/outreach at all sites to kick-off Q1 2016
- Pillar II: STEM Education
 - Summer youth field trips
 - Identified key partners to form a steering committee
- Pillar III: Job Training
 - Held summit for partners 8/19/15
 - Outreach and data collection in target neighborhood
 - Opened SEED Center 10/1/15
 - Partnership with Sherwin Williams to train and certify



Next Steps for SEED

National Efforts

- Secure new coalition sites (20-25)
- Secure new national partners
- Disseminate Energy Literacy materials and efforts
- New Energy is Everywhere Webinar Series Topics
 - <http://energy.gov/eere/education/down-everywhere-webinar-series>.

Local Efforts

- Publicize SEED efforts
- Review Metrics
- Draft Program Plan
- Secure funding partners
- CGI Reporting



Questions and Contact Us

SEEDinitiative@hud.gov

Thank you!